

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: pelt@vt.edu (Randy Pelt)
Subject: [5698] 100 pf dual variable
Message-ID: <v01540b01aecc842a5755@[198.82.152.40]>

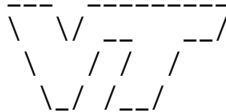
Does anyone have a dual 100 pf variable they would be willing to sell??

If nyet, does anyone know where I can get one???

Many tnx

Ranson J. Pelt
pelt@vt.edu
QST de w4wyt
ex-nz4i

Semper Fi



From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Barry Keating <Barry.P.Keating.1@nd.edu>
Subject: [5680] 13 WPM Code Test - Help!
Message-ID: <v03007801aecca458ff6d@[129.74.87.62]>

Dear Fellow QRP'ers:

This N/T Fox is going to give the 13 wpm code test a try this coming week.

Since I have not taken a code test in 20 years, I have a question. Just exactly what do the scripts that are used for testing look like these days? Do these scripts vary much in substance or length?

Does anyone have some examples of these scripts that I could use for practice with my computer program? Being the fox has been great practice, but I suspect that the scripts used in the test will bear little resemblance to our contacts. I would assume, for instance, that no information is repeated.

If you could help me out with a sample script or two I would appreciate the effort. Thanks.

Barry Keating
WD4MSM

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: KFGlynn@aol.com
Subject: [5676] A newer ham - Re: How did I get started in ham radio?
Message-ID: <961205104740_1253330043@emout19.mail.aol.com>

Hi gang,

Laura asked for some input, so here it goes...

I was always interested in electronics, SWL and experimenting since I was a kid, early as 7 or 8. I took a Novice class while in 8th grade back in 1975, and was completely unprepared for the exam and did not pass. Two years ago (early Nov 94) I decided to get back into it and bought the Now You're Talking book. Got on the subway homewardbound and told myself I wouldn't be able to do it, but I just read each page and took my time.

I passed the Novice in Nov 94, passed the Tech in Dec 94, passed the General in May 95, passed the Advanced and Extra code element in Jan 96 and passed the Extra written in Mar 96. I did this with alot of encouragement from Vinny WB2AAP and Harvey KB2EA, local hams in Brooklyn and members of the Kings County Repeater Assoc, as well as members of the QRP List. I love CW and can say about 80% of my QSOs are CW. I stumbled upon the QRP-L from Jeff Gold and an old archived message he'd sent in some AOL forum a few years ago. This was the best thing I could've done. FD 95 I was shell shocked on CW, this year I was in there pretty well for my local in Brooklyn.

I'm now teaching CW for our Novice/Tech class. I reported a while ago that we had a young lady named Natalie, 12 yrs old in the class and a whiz on code. I was wrong; she's 9 and will be 10 on Christmas Day. I told her I hope Santa brings an Icom for under the tree...

Tnx for all the help from NJ-QRP members as well as QRP-L members. Hope to work you on the air.

72 Kevin N2T0 (ex-KB2TE0)

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [5690] A sample code test

Message-ID: <Pine.3.89.9612051135.A16923-0100000@w3eax.umd.edu>

All letters, numbers, ?, period, comma, slash, AR, KN, SK, BT...

P.S. I have been doing this for 10 years...

kc4xpu de n3qsw/8 --

Hi john thanks for the call

ur rst is 569 here in miami, oh --

my name is toby and i collect stamps.

i have been a ham for 11 years and am 29 years old --

rig hr is a Drake tr7 and ant is a vertical zepp

up abt 75 ft.

so hw copy om? AR

kc4xpu de n3qsw/8 SK KN

- 1) what is the sender's call?
- 2) what is the receiving stn call?
- 3) what is the sender's city and state?
- 4) what is the sender's name?
- 5) what signal report was sent?
- 6) how old is the sender?
- 7) how long has he/she been a ham?
- 8) what radio is being used?
- 9) what kind of antenna is being used?
- 10) what does the sender collect?

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996

From: wager@juno.com (James W. Cates)

Subject: [5679] Addendum: "Re 38 Special Orders."

Message-ID: <19961205.081500.3966.4.wager@juno.com>

The idea of the order form is intended to be helpful, not mandatory. So, send in your order with or without the form; its the money that counts! ha ha.

When you put this kit together, you are going to exclaim "How can NorCal do this for twenty five dollars?" My reply is that somebody made a big mistake! I guarantee you will be amazed at what you have gotten for

only twenty five dollars! Ori and Doug and all the others who were involved in this club project are truly remarkable! jim, WA6GER.

Usual disclaimer? No Way!

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: bruce muscolino <w6toy@pop.erols.com>
Subject: [5641] FDIM Technical Papers -- Update
Message-ID: <199612050321.WAA17304@smtp2.erols.com>

FDIM '97 is a scant six months away. It's time to give you all a little progress report about the technical presentations we have planned for you.

At this time I have 8 papers lined up. There may be room for one or two more if they are good and if you get the details in to me NOW. Here's the current list of presenters and their topics (where known):

- L. B. Cebik -- W4RNL -- Wire Antennas
- Dave Benson -- NN1G
- Rev. George Dobbs -- G3RJV -- Homebrewing
- Preston Douglass -- WJ2V -- Zero Beat
- Bob White -- W03B -- Computerized Logging Programs
- Mike Perry -- PA3ASC -- Real World Bandpass Filter Design
- Bob Gobrlick/Chuck Adams -- V01DRB/K5F0
- Bruce Muscolino -- A secret

I am also planning to have at least one evening seminar. This will probably take place on Friday evening and will run about 2 hours. The topic of the first seminar will be computerized schematic drawing/circuit board layout software. I will have several QRPers who use these programs talk about the product they use and demonstrate it; a question and answer session will follow.

I'm hoping to use a laptop computer and an LCD panel in place the overhead transparencies we used last year. This will also be of value in the seminar.

Speaking of seminars... I'm open to doing a second one too. Please send me your ideas and I'll try to line up some presenters.

The deadline for submission of technical papers is now set FINALLY as February 1, 1997. Authors with whom I've discussed other dates may use February 1st or the date we agreed to.

In response to the comments about three ring binding, I'm looking into "perfect binding", a glue based binding similar to that found on some paperbacks. I still expect the volume to be 8.5" X 11".

Thanks,

Bruce -- W6TOY/3
FDIM Technical Chairman
--
Bruce -- W6TOY/3
Still QRP, Really! (c)

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: wager@juno.com (James W. Cates)
Subject: [5678] Five Watt Slugs
Message-ID: <19961205.081500.3966.6.wager@juno.com>

At Dayton, I asked at Coaxial Dynamics why no five watt slug? Reply was that can't make an accurate one that will cover the HF bands, but if you wanted to special order one for a specific frequency, that could be done.

I sold my bird and fifty watt slug and bought an OHR WM 1, later, the WM 2. I am not only happy, but walked away with money in my pocket. jim, WA6GER.

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Richard Wilkerson <richqrp@pacbell.net>
Subject: [5645] FOX
Message-ID: <32A5D87F.7C47@pacbell.net>

Why would you jam a fox???????????????

I cant believe what my ears heard tonight on the band.

--
Rich Wilkerson WD6FDD, Santee, Ca.
NorCal, ARCI, Qrp-L, E.C.R.A.
scQRPions

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "Laura" <sputnik@imt.net>
Subject: [5694] Fox Jammer
Message-ID: <199612051736.KAA14373@cu.comp-unltd.com>

I have seen several posts regarding a jammer on the fox frequency last night. I wasn't on so I didn't hear anything, but I am curious what sort of jamming it was. I am really shocked to hear that someone would jam a fox - and I find it even more amazing that it's on CW!! I've never heard any intentional interference on CW. Let's hope it was an isolated incident!

73 de KJ7UN, Laura Marino Lubner - Reese Creek Montana USA
sputnik@imt.net homepage: <http://www.imt.net/~sputnik>
GHRC / ARRL / MARC / QRP-L # 790

"I am who I am and I make no apologies ... If I offend you,
you probably needed it." Lea DeLaria

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [5658] Fox Report Novice/Tech+
Message-ID: <19961204.224135.7495.0.kb0rol@juno.com>

Boy was it noisy out tonight. The wind was blowing like crazy and grabbing my 4 watts and sticking them right in the ground.

I want to thank all of you who tried, every once in a while your sweet tones would make it to Colorado then get blown away again. I'm going to post everything I heard - If you think you are the one I'm talking about let me know. I'd like to know where the winds carried my call tonight.

Official report for the 0200 to 0400Z Novice/Tech+ Fox hunt held on
Thursday December 5 GMT (that's Wednesday Night for us Zulu impaired)

Time	Call	RST	State	Name	Number
0208	FC				

I had to write this one down. After 8 minutes of calling CQ it was nice to hear someone.

0215	W3PNL	23N	PA	JOE	5W - Thanks Joe
------	-------	-----	----	-----	-----------------

0222	KK4KF	359	??	Bill (I think)	Your call came in 349 and after my exchange you nearly got blown off the face of the earth. I think you name is Bill cauz I got -I-L then B--L I put that together and got BILL
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0228	KE5TAU				- call came in OK but nothing else did.
------	--------	--	--	--	---

0231	KA3WMJ	33N	PA	KEN	355 This one took about 5 minutes to complete - Thanks KEN.
------	--------	-----	----	-----	---

0242	KA5YEU	339	--		Then lost him. I got enough to get his call
------	--------	-----	----	--	---

corrected.

0333 KS4HQ Got this call out of a pile up - took 5 minutes to get the call right and lost everything else.

0346 N6WM 5?N ?? Jim real weak and lost

0348 WA7SSA 22N ID Niel 119 - Yea, Novice/Tech Team.

Well I think I got 3 for tonight - If what I got isn't garbage.

Thanks again for all those who tried to get me. I don't think I've ever hear it so bad (and I have almost eleven months experience with this). Lets do it again when the wind dies down.

de

Brad Mugleston - KB0ROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [5706] FOX Report: Kinda Long
Message-ID: <M1176321.003.yiph4.1.961205201032Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Howdy, neighbor. Come on up on the porch with the rest of us and set a bit. I was just fixing to tell my friends about the time ole Kenwood led the posse after the Desert Fox.

Down in Tombstone, Arizona, the folks were kinda hard up for food raising. Desert isn't a great place for farming. Someone got the idea of bringing in some prairie chickens from the midwest and turning them loose to forage on the desert. Well, that worked, sort of. Desert isn't generous to them as live there. The prairie chickens held on ok, but were kinda scrawny. Took several to make a meal once you caught 'em. There were enough of them scrawny prairie chickens to feed the folks, but not much left over.

Then one day this unsavory Desert Fox character rides through town with a bunch of prairie chicken carcasses strapped to his saddle. ticked off the townfolks there in Tombstone, since they had been figgerin' on catching and eating them birds themselves. They figgered this Desert Fox character had been poaching their prairie chickens.

The Desert Fox looked to be a tough customer, so the townfolks didn't think they wanted to take him on themselves. Someone came up with the idea, "Let's form a posse and go after him! There's strength in numbers if we got 'em." Well, they looked at each other, and said, "Who's gonna lead this here posse?" No-one volunteered.

Then my friend pipes up, "Who better to go after a Desert Fox than a fox hound, and I know a good 'un." Next thing you know, I'm getting this phone call, asking me to bring ole Kenwood down to Tombstone to help catch this Desert Fox feller. So, I put it to ole Kenwood to see what he thought of the idea. "Shucks," he said, "Why not?". So we loaded up my ole station wagon and headed fer Tombstone.

When we got there, it was near dark, but ole Kenwood wanted to get on with it. We put out the word fer all the fox hunters to gather at the north end of town, and we'd see what we had to work with. First thing we needed to find out was where was this Fox feller likely to be?

Well, it was just turning 0200 UTC by the Tombstone City Hall clock (Have you ever heard a clock beat out 0200 in code? Takes a while.) when we heard the Desert Fox off in the distance singin' somethin', sounded like "CQ CQ FOX de NQ7K". Funny kinda song, but hearin' it helped us figger out where he was at.

One ole geezer said, "By the sound o' that, he must be out around milepost 7038, near as I can tell from here." So we made this plan up quick that we'd all head fer milepost 7038 and see if he really was there. Some of us would head down towards him from milepost 7040, and some up from milepost 7035. Figgered we'd find him camped somewhere along there. Sure enough, when we got out there, he was camped just a few hundred Hertz off milepost 7038. Ole geezer had a darned good ear.

Well, now we found this Desert Fox feller, we figgered we better have some idea of what we were gonna do about him. Some were fer shootin' him, some were fer hangin' him, and some just wanted to run him off. Well, everyone finally calmed down, and we decided the best thing all around would be to ambush him, take back all the prairie chickens he'd poached, and run him out of town (Town limits were kinda wide and vague in Tombstone).

Ok, we got that settled. Meanwhile, old Desert Fox is still out there in his camp singin' "CQ CQ FOX de NQ7K". Funny how that tune gets to a feller. We thought maybe if we tried singin' his tune with him, we'd lull his suspicions and he'd be easier to capture. So, I had ole Kenwood gave it a try, but it didn't come out just like what the fox had been singin'. Best ole Kenwood could do sounded like "NQ7K de N6WG, or somethin' like that. It worked though, 'cause he musta thought there was another Desert Fox type around and wanted to visit. He hollered back at ole Kenwood "N6WG TNX 559 AZ MIKE NR 47". Well, I thought, what kinda singin' is that? Maybe if we imitate it we can lure him over here. So I had old Kenwood holler back, "QSL MIKE, UR 539 CA BOB NR 27." Darned if he

didn't take the bait and wandered over to see who was singin' his song.

At that point, the posse jumped in trying to surround him.. Trouble was, in all the QRM from them horses, ropes, guns, dust and elbows, he just up and walked away from the fracas without anyone actually seein' him go. We did find his haul of prairie chickens, though, and took them back to Tombstone. The folks there were so grateful, they put on a big barbecue that night with all them scrawny chickens (Did I say it took a lot of them to feed a feller?), and ole Kenwood ate his share. While we were eatin', though, we could still hear that ole Desert Fox out there singin' his song in the desert night, "CQ CQ FOX de NQ7K". An' darned if he didn't keep it up 'til the town clock struck 0400. Guess he musta been kinda tired then, 'cause we didn't hear any more from him that night.

Next morning, ole Kenwood and I loaded up the wagon and headed home. He was feelin' pretty good, havin' done his civic duty fer the good folks of Tombstone. An' that's how ole Kenwood led the posse after the Desert Fox, down in old Tombstone.

Thanks, Mike
de Bob N6WG

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "William R. Moore" <wr.moore@worldnet.att.net>
Subject: [5644] FOX: Corrections
Message-ID: <32A640B1.3521@worldnet.att.net>

Need to update 2 entries from the Tuesday night log:

0248 AD4ZE	559	549	NC	Warren	78
0338 WB0CLD	349	339	MO	Bill	279

Copied Bill's call wrong, and couldn't read my hand-scratching on Warren's.

Thanks again for a fun night as the FOX!

Randy, KS4L

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "Michael Connor" <mikec@primenet.com>
Subject: [5683] FOX: Last night's results
Message-ID: <199612051656.JAA00734@primenet.com>

Gang,

Yowza! What an interesting night. Thanks to all who braved the band conditions and QRM. The band was clear and quiet one minute, then would kinda drop out altogether. Wierd. Wierder still the QRM. Still wondering about that. Solid sigs from most everyone though.:-)

	TIME	CALL	S	R	ST	NAME	NR
1.	0208	NQ7X	559	579	AZ	FLOYD	343
2.	0215	WIHUE	579	559	ID	LARRY	228
3.	0220	N6XU	449	559	CA	STAN	66
4.	0222	WA8CDU	449	459	MI	BILL	412
5.	0223	K1MG	559	229	CA	MIKE	614
6.	0224	N5ET	559	559	TX	BOB	123
7.	0228	K5RV	559	449	LA	BRIAN	324
8.	0229	KE5TF	559	559	TX	LINDA	5W
9.	0231	N9HH	559	559	IL	BILL	824
10.	0232	W9DZ	559	559	IN	ALLEN	112
11.	0235	K5ZTY	559	339	TX	BILL	473
12.	0236	AB5OU	579	579	NM	TIM	73
13.	0239	AA6R	449	339	CA	GARY	406
14.	0240	AB7ST	339	339	UT	BOB	129
15.	0242	W8DN	449	439	OH	MIKE	575
16.	0246	N5LU	559	569	LA	BILL	5W
17.	0247	KA5T	559	559	TX	LARRY	89
18.	0249	N4IM	449	459	TX	COLE?	737
19.	0250	WA6NAT	559	559	CA	DWIGHT	5W
20.	0253	KK5RO	559	559	OK	VERNON	325
21.	0255	AB5UA	449	339	OK	CLIFF	478
22.	0256	K6VNX	449	559	CA	ARLEN	4W
23.	0259	W5FN	449	559	TX	TIM	586
24.	0300	K5JHP	559	459	TX	BILL	825
25.	0302	N5NAN	449	559	NM	OKIE?	5W
26.	0304	K06KA	579	559	CA	ROB	176
27.	0305	NN9K	559	559	IL	PETER	?
28.	0308	KI0J	579	579	TX	OJ	732
29.	0310	N6WG	559	539	CA	BOB	27
30.	0313	KJ5VW	449	579	TX	GARY	227
31.	0316	WA9PWP	339	339	WI	PAUL	127
32.	0318	NI0A	559	559	MN	JOHN	689
33.	0321	AK1P	449	349	CA	PAUL	284
34.	0324	KD6ZMJ	559	449	CA	JACK	896
35.	0326	W6SU	579	559	CA	JOHN	48
36.	0327	AA0XI	449	339	CO	MARSHALL	153
37.	0332	W6EMT	339	339	WA	ROY	369
38.	0336	W6BAB	449	559	CA	HARVEY	5W
39.	0339	VE7CQK	449	439	BC	PAUL	20

40.0341	KC7NEV	579 579	AZ	JOE	191
41.0344	W6ZH	579 599	CA	PETE	257
42.0346	W9UQB	579 579	AZ	MIKE	413
43.0347	VE7SL	559 579	BC	STEVE	769
44.0349	WD6FDD	579 579	CA	RICH	237
45.0355	K5UP	559 559	OK	GLEN	21
46.0358	KE7IT	559 559	WA	?	691
47.0359	KK7BD	599 599	AZ	DAN	696
48.0359	KE4YH	449 339	FL	STEW	590
49.0400	WB5QMP	559 339	ID	RANDY	102

Please email direct with any changes.

CA-13 TX-9

NOTABLE:

KE5TF - Linda (glad to see the YL's getting involved):-)

VE7CQK

VE7SL Good trip into AZ guys :-)

KK7BD - Dan, who worked me from his mobile with
a DUMMY LOAD.Talk about dedication .:-)

Thanks again for being there; it was great fun!

Mike

NQ7K

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [5711] FS SIERRA
Message-ID: <Pine.GS0.3.93.961205161707.9160B-100000@lictor.acsu.buffalo.edu>

Hello I have a Wilderness Sierra in as new condition, works like a charm. Includes 80,40 and 30 M modules, KC2 digital readout (freq,wattmeter,s-meter, keyer speed). The Kc2 is installed with the new Wilderness faceplate, matching ABX control knob. Also included is the original faceplate (as new) and two YUASA NP6-12 12V6.0Ah gell cells (these weigh 5.5 lbs each. total shipping weight ~ 15lbs. Everything works as it should with full output. If you have been thinking about getting one and didn't have the time or want to save some money make me an offer.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "William C. Robbins" <billrobb@net-link.net>
Subject: [5695] FS: Tuner
Message-ID: <199612051803.NAA26659@serv01.net-link.net>

I am selling a AEA ET-1 Antenna Tuner. It is excess to my needs. It is a low power tuner and would be suitable for qrp.

Besides qrp, I am also a Heath collector. I will entertain trades for this tuner for anything reasonable.

I am also looking for FT-243 crystal holders to put ham band frequencies into. Any out there have any to get rid of??

Bill

William C. Robbins Heathkit Collector

billrobb@serv01.net-link.net

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: nskousen@scientechn.com (Niel Skousen)
Subject: [5685] FT-757 & NC-40 Questions
Message-ID: <v02140b15aeccaf53ccd3@[198.60.91.132]>

Got a question w/r Yaesu 757GxII. Before I dig into my rig in the blind... thought I ask...

5w occurs at approx. 2:00 on the Pwr control. The setting is very sensitive and is affected by temp. If set initially for 5w will drift down to 2 with in 15min, if readjusted when warm the next time the radio is turned on Po will be abt 10-12w. Two questions; 0-100+ watts is about 100 degrees (2:00-5:00) on the pot. This seems unusual, any mods or fix's to rescale the control ? Internal adjustments to turn the Po.max down to

10-20w ?

Ready to try the ABX mod in my NorCal 40. Any good sources (besides Newark et.al.) for the VVC diode in small quantities ?

TNX in advance any comments appreciated.

Niel

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Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG nskousen@scientech.com
208.525.3742, FAX 529.4721 Idaho Falls ID WA7SSA QRP-L.119
-Z-----DN33wm--- . . . -

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Paul Stroud <aa4xx@amsat.org>
Subject: [5638] Greensboro NC Hamfest
Message-ID: <32A623A6.177E@amsat.org>

Hi Gang,

Several KnightLites will be attending the Greensboro, NC Hamfest this coming Saturday, Dec 7th. Coming from the RTP area will be Steve-AA1BK, Todd-KB0HQU, and Paul-AA4XX. We'll be meeting Fellow Knight Terry-AE4EW from VA at the Williams Radio table around 9:30AM. We've got room for another Knight, so let us know if you would like a ride.

As plans now stand, we plan to eat lunch together around 11 or 11:30. Nothing fancy, just a chance to get together and socialize. Y'all bring any show-and-tell goodies so we can see what you've been up to.

We're looking forward to seeing you in Greensboro!

72,
Paul AA4XX

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [5653] Ham vs Internet
Message-ID: <961205045256_70731.722_EHM49-3@CompuServe.COM>

> It's kinda like fishin'. If every time you went out to the lake and
> dropped your line in a big fish jumped on, you would probably get bored
> pretty fast.
>
> On the other hand if you spent most of your time trying to find the best
> spot, improve the type of bait you use, improving the methods of
> displaying the bait, etc., then when you do land the big one it is pretty
> exciting.

> Well the internet is kind of like the former...

> But how about the first CW QSO? Wow I remember how nervous I was in front
> of my...

Reminds me of the Twilight Zone episode where the 'angel' (Sebastian Cabot)
is arranging everything for the newly arrived soul. For instance all 15
billiard balls are pocketed every shot. At first the newbie _thought_ he was
in Heaven. Actually he was really somewhere else...

Dan

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Phil Wheeler <w7ox@ix.netcom.com>
Subject: [5642] How to Suspend
Message-ID: <32A6466A.2775@ix.netcom.com>

I need to suspend my real-time message accumulation during a trip.

Asking listserv for help did not give me what I want (which is not to
"unsubscribe").

Anyone able to tell me?

Phil W7OX

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [5669] Info on OHR DD-1
Message-ID: <199612051433.HAA24957@dancris.com>

Sorry for the bandwidth, but I need to contact NQ7X, Floyd about his DD-1.
Floyd, if you are going to be at the hamfest/Sqrptions meeting, please e-mail
me or call (eves) at 732-0058. Would like to pick your brain.

73,

Bob KI7MN

NorCal #1221 ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996

From: Roy Boggs <rboggs@pcc-uky.campus.mci.net>

Subject: [5710] KE4YH Should Tell ALL :-)

Message-ID: <2.2.32.19961205205452.006e7888@pcc-uky.campus.mci.net>

If a guy with 12 or 13 Fox tails hanging on his AM radio aerial thinks he can stay out of sight, then he's got another thing coming. Come clean Stew...Confess! Are you really using the Pentagon satellites to score so high?

Stew, I think this group deserves the full details of your station and antenna! :-) (He IS in Florida...let's see....Cape Canaveral+Space Shuttle..HMMMMMM)

de KC40 (ex KE4KDT)

QRP-L #322 ARCI #9081 Norcal #1507

Roy Boggs Prestonsburg, KY

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996

From: stevebar@ix.netcom.com (Stephen A. Baranowski)

Subject: [5675] KnightLite License/Callsign update - Part 2

Message-ID: <199612051546.HAA27292@dfw-ix6.ix.netcom.com>

Hi guys -

I think that I may have not made one point clear about the license/callsign process.

It is a 2 step process for clubs. The original application is submitted, and a license is issued from the lowest group " two by three " pool. My guess, based on the present sequence of calls being issued from the 2 X 3 pool for the "4" call area is that the call would come out in the KF4... form. And it WOULD be a 2 X 3.

After we receive this call, THEN, and ONLY THEN, can we apply for a vanity call. Since I am on record as trustee, and I have an Extra, then we can apply for ANY AVAILABLE "one by two" or "two by one" callsign.

SO - The calls we request under the vanity program can be anything that

is available - - -

Just for something to think about - the KL4. series is wide open - so we could probably ask for, and get, something like KL4A -

Your input is appreciated - really :-)

72 de Steve / AA1BK

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [5637] LDG ELECTRONICS
Message-ID: <19961204.182948.12327.0.n4so@juno.com>

The original article for the AT-11 Automatic Antenna Tuner featured in QST January , 1996 p. 35 is available at:

Ken Brown, N4SO
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Steve Bornstein <saborns@freenet.columbus.oh.us>
Subject: [5659] LDG QRP Autotuner
Message-ID: <Pine.3.07.9612050021.A7397-91000000@login>

Gang,

I've checked with Dwayne at LDG and he is offering a group buy on the QRP Autotuner kits (populated board). The price including shipping would be \$91.00. We would need to order at least 10 units to qualify for the buy. The Autotuner normally sells for \$106.00 including shipping.

If you are interested in the possibility of having a buy please e-mail me so I can see if I should proceed.

73, Steve K8IDN

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996

From: JessQRP@aol.com
Subject: [5663] Listening for the FOX and Spectrum Analyzer
Message-ID: <961205071747_1554544434@emout01.mail.aol.com>

Hi all,

Last night was one of the rare nights that I got to listen for the fox. I tuned around 7038 for about 20 minutes starting at 0230 and did not hear a thing. 40 meters was in the worse shape I have heard it in for about a month. No, Virginia the radio is working, it is just that the ionosphere is not.

If I wanted to post this HP Spectrum Analyzer that I got recently for sale or trade, anyone know where there is a news group or reflector that they might recommend for this?

Best
Jess N0TFI

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Vic Rosenthal <rakefet@rakefet.com>
Subject: [5688] Loop on harmonics
Message-ID: <32A7024D.ABA@rakefet.com>

Hi, knowledgeable ones:

I'm almost ready to put up my full wave delta loop for 20 meters. I built a coax gamma match for it, but it occurred to me: if I feed it with open wire line instead, would it also work on the higher bands? I know that it wouldn't work very well on 40, where the pattern would be straight up! But what about 15 and 10?

By the way, regarding my question about removing paper from Lucite: I received about 30 suggestions. Soaking the plastic in water plus a citrus-based cleaner for 2 days removed the top layers of paper, but didn't soften the glue or the last layer. Mineral spirits (paint thinner) finished the job. Thanks, all.

Vic K2VCO

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "Dan Sullivan" <Girvinevelyn@msn.com>
Subject: [5713] Low power measurements
Message-ID: <UPMAIL03.199612052236140623@msn.com>

For those who would like to measure QRP output power, and own one of the "cross-needle" type wattmeters (like Diawa): hook it up in reverse and read the QRP level power output on reflected scale! The Diawa seems to be well calibrated.

72 & 73

Dan, WD8IDZ/0

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [5699] MOBILE ANT
Message-ID: <9611058498.AA849818251@smtpgw.ccgate.dl.nec.com>

Hi Folks:

Was kicking around the thought of beginning mobile operation, but don't know where to start when it comes to antenna hardware.

I get very confused when looking at the catalogs. Here's what my set-up would be and what I'm after:

rig: MFJ 9020 and/or MFJ 9420 (nice 20 meter rigs, BTW)

car: 1987 Chevy Sprint (Ok you, stop laughing. We have named this car "Snapper" because it's 3 cylinder engine has about as much power as the lawnmower of the same name!!)

I'd like a "one stop" shopping solution. That is, I'd like to get a mag mount base, mast and resonator all from the same source. I'd like to get a mag mount base, so I can easily transfer the set-up when I finally lay Snapper to rest :-)

Can anybody give me ideas and names, prices, to get me mobilin' quickly?? I know of Hustler, Ham Stick, but it always looks like I need to buy 12 pieces before anything would work.

Thanks very much in advance.

73 de Dave NR3E
Dallas, TX QRP-L #25

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "Craig O. Smith" <CSMITH@cmsuvmc.cmsu.edu>
Subject: [5671] Newbie
Message-ID: <961205.091415.CST.CSMITH@cmsuvmc.cmsu.edu>

CQ CQ CQ KB0VRS CALLING CQ

Hello to all who receive this e-mail. I just recently subscribed to this listserv and am blown away by the amount of e-mail that is filling up my Queue!! And all the mail has to do with my favorite Hobby! Ham Radio!

73's to all E:-)

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "J.B. Fox" <w5hir@mail.phoenix.net>
Subject: [5651] Nor-Cal web page
Message-ID: <199612050446.WAA02296@mail.phoenix.net>

I have looked for the web page of Nor-Cal and some how it eludes me. All I get in search is Northern California Horse group etc.. HI!

tkc de w5hir

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: ROYGREGSON@aol.com
Subject: [5661] NW Rig Power
Message-ID: <961205015342_1918930317@emout03.mail.aol.com>

Hi Gang, Just had a call from a customer that had just finished his NW30, and reported that it was working great. And it helped him solve a minor problem he was having with his NW80. He could only get 3 watts out on 80, and after finishing the NW30 realized that he had put the PA transistor in backwards on the NW80. With the PA transistor a 2SC1678 properly installed, he now gets 10 watts out full power with the NW80, of course he turned it down to 5 watts. But.....I was not aware the PA transistor would work with emitter and base reversed. When installed, the collector is still the center hole in the layout, so no short on the 12V line. I'll have to try this myself, but thought I would pass along this info in case anyone was having a similiar problem.

73's Roy

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "John A. Evans - N3Q00" <jaevans@cos.cst.titan.com>
Subject: [5673] QRP Power measurement w/MFJ 949E
Message-ID: <199612051531.KAA215415@nss2.CC.Lehigh.EDU>

Greetings,

I have noticed that I need much more than 5 Watts out of my Ten-Tec C21 in order to get any deflection of the meters on my MFJ949E. I don't mind going QRO to tune my doublet but it would be really nice to do it at QRP levels. Also, when I start using my Argo 509 et al., that only run at QRP levels, I WILL be in trouble. Any recommendations for a replacement tuner/swr/power meter??

72, n3qoo

John A. Evans Chief System Administrator
Office: (719) 528-1800 Titan Client/Server Technologies
Fax: (719) 528-1888 1115 Elkton Dr, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Bob Marsh <bmarsh@hicom.net>
Subject: [5670] Radio, the Internet and CW Copy
Message-ID: <32A6E284.4B12@hicom.net>

Hi all,

Certainly some interesting topics here lately. A funny thing happened to me about a month ago. I was working around the shack and had the rig tuned to 40m CW for background music. At one point during a QSO one of the ops cracked a joke and I started chuckling when he sent "hi hi". The funny thing is, I wasn't even trying to copy, but I heard and understood the joke. I definitely agree with those folks that say practice, practice, practice. I still can't head copy when I try, but it's definitely an achievable goal. Probably the best advice I ever got for CW was to simply listen and get familiar with the rythm of it.

I've been using PCs since the C-64 was "State of The Art" and got into radio about two years ago. I did them both for the same reasons - it was interesting and FUN! HF, VHF, UHF, whatever - we all get what we want out of the hobby. Personally, I don't care what another ham chooses to do, as long as it has a positive impact on the hobby.

Let's face it - ham radio is not "state of the art" stuff, but it is challenging and most of all FUN. The strength of amateur radio is in our working together to maintain the hobby, and the variety of operating modes it contains. The sniping and bitching about "code vs No-Code", and which is the more valid mode will only cause us to lose what we have in the long run.

The internet gives me access to information on radio that I'll never get anywhere else. It's like having a gazillion Elmers ready to help you out when you need it. It's not, and never will be a replacement for amateur radio.

So there it is. Just another opinion to add to the pile. (BTW, anyone wanna talk about QRP?)

73 de Bob/KB2SGM

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Russ1031@aol.com
Subject: [5700] Results for the December Spartan Sprint
Message-ID: <961205140316_1588155069@emout18.mail.aol.com>

The December Spartan Sprint was an eye opener, reminding us that winter can be a strange season indeed. 40 meters was, in most parts of the country, dead as a doornail. On the other hand, 80 meters was screamin. (We just needed more people giving 80 a try.)

My esteemed colleague, Richard Fisher, KI6SN, got a goose egg. Your contest manager got a few contacts, but it was slim going. On the other hand, Owen, K10J, snagged 18 Qs on 40 meters! I guess QRP is a lot like fishing--you never know when and where the critters will bite.

Thanks to all of you who posted your results directly to QRP-L. But please don't forget to send me a copy of your log, so I can be sure it's posted correctly in the Thursday results. (Russ1031@aol.com) And don't forget to tell me how much your station weighs.

By way of reminder, we gave two points for each contact on 80, and one point for each contact on 40. Thus, instead of referring to "Qs", the following tables refer to "points".

To make the following tables line up correctly, please make sure that your browser is set up with a monospaced font.

Here are the results sorted in order of points per pound. The top four entrants will receive a handsome certificate from ARS. Being a devious sort of fellow, the Contest Manager is ineligible.

		40M Points	80M Points	Total Points	Weight	Points/ Pound
AA7QU	Russ	1	10	11	2.7	4.07
KS4L	Randy	0	22	22	11.6	1.90
KJ5VW	Gary	4	0	4	2.35	1.70
W1HUE	Larry	2	14	16	11.5	1.39
AC6YB	Eric	4	0	4	3.1	1.29
W6ZH	Pete	3	0	3	2.7	1.11
K10J	Owen	18	0	18	38	0.47
WD8RIF	Eric	0	10	10	50	0.20
WA1QVM	Joel	1	12	13	?	?
N2TNN	Dean	1	0	1	?	?

Here are the results sorted in order of points.

		40M Points	80M Points	Total Points
KS4L	Randy	0	22	22
K10J	Owen	18	0	18
W1HUE	Larry	2	14	16
WA1QVM	Joel	1	12	13
AA7QU	Russ	1	10	11
WD8RIF	Eric	0	10	10
AC6YB	Eric	4	0	4
KJ5VW	Gary	4	0	4
W6ZH	Pete	3	0	3
N2TNN	Dean	1	0	1

Thanks to all who participated and submitted logs. MARK YOUR CALENDARS FOR THE JANUARY SPARTAN SPRINT--JANUARY 6.

72, Russ Carpenter, AA7QU, Contest Manager
 ARS #1
 Russ1031@aol.com

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: km1h@juno.com
Subject: [5635] Serious Grayline Operation
Message-ID: <19961204.192810.9911.16.km1h@juno.com>

Maybe I am missing something here or it is a generational gap, etc

In depth discourse of weak signal low band operation is a regular feature of the 160M Reflector. Any power level is welcome. Altho 160M oriented, a lot of 160 thru 30M info is presented. No one is shot down for power or asking questions.

To get in, send to: topband-request@contesting.com

In the msg body: [subscribe topband](#)

73.....Carl KM1H QRPP thru QRO 160M to 10GHz

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Russ1031@aol.com
Subject: [5701] Soapbox for the December Spartan Sprint (Long)
Message-ID: <961205140326_774075870@emout07.mail.aol.com>

Here is the soapbox for the December Spartan Sprint. Thanks to all who participated!

Soapbox:

Had a great run on 80m from 0230 to 0305, then all I could hear were the guys I'd already worked. So switched to 40m from 0325 to 0405 and heard absolutely nothing around our frequency. Not much noise here, just no propagation! Was still fun!!

73/72,
Randy, KS4L

Equipment:

ICOM IC-735 at 4.5 watts
AEA AT-3000 tuner
135' ladderline-fed dipole at 30'
CMOS Super Keyer II
Bencher paddle

(I intended to use my portable station of QRP Plus and MFJ901B/HM-9, but realized after setting it up in the shack that I'd have to tear the rest of the station apart to get the ladderline to the MFJ-901B. Since the QRP Plus station is heavy enough that I'd not win anything anyway, I put it all away and used the ICOM.)

All QSOs 3 Dec GMT

Call	Freq	Time(UTC)	RST S	RST R	SPC	Exchange
N1XRT	3560	0240	569	329	MA	4W
KS4L	3560	0246	569	569	AL	5W
WA1QVM	3561	0251	459	569	MA	4W
K3QIO	3560	0305	559	449	DE	5W
W1HUE	3558	0311	539	529	ID	4W

40 meters was useless--no SP signals heard, and no one answered my CQs. 80 meters was fairly noisy and signals were weak. However, I'm not disappointed in the results of one hour's operation into a low dipole. This was my second attempt at a Spartan Sprint. The first produced no contacts, so I'm much happier with the results this time! I liked the time of the Sprint and the chance to use both 40 and 80 meters.

From: k1oj@swbell.net (Owen Quarles)
To: ki6sn@aol.com
K10J (prev. wa1yia)
18 Qs on 40m only
rig: ft-767 38lbs (even after a diet)

Had a lot of fun. Not as much activity this time. Maybe from the contest yesterday or maybe the high noise level. Thank you ARS for the contest.
72/73
CU---OJ---K10J

Had a ball under really weird band conditions. At times I couldn't hear

anything on the band, but near the end some of the 2 watt signals from California were coming in 589 to 599 -- REALLY strong. I even managed to work XE2ELX, Federico in Tijuana, Mexico. Wonder if he was using a brass key so I can refer to him as the Tijuana Brass keyer -HI. I also worked ERIC, AC6YB again last night. Earlier last week he was up in the Arizona mountains camping in the snow and he had a really nice signal both times...about 579 as I recall.

Got a late start as I played two sets of tennis before getting back around 0300Z, my first two contacts were pretty smelly, but during one of the dead times I went to take a shower, came back and got two more.

4 contacts with 2.35 lbs.

AC6YB - Arizona
XE2ELX - Mexico
KC6T - California
W6ZH - California

Also had several "incomplete" contacts where I would send or they would send and then the band just went dead. At the very end, I heard KE6YPO at 589 when he first came back, I gave him his report and then NOTHING, couldn't hear a thing from anywhere.

Right after the end of the sprint I had a nice half hour rag chew with Dennis, K8KXK in North Carolina...got a nice 549 report. Really strange band conditions to say the least.

Thanks again for all your work in organizing the ARS sprints. I'm having a ball!!!

Gary, KJ5VW

From: w6zh@ix.netcom.com (H. Hoover III)
To: russ1031@aol.com
Hi, Russ:

Three Q's last night in 30 minutes of operating. Two TX and one CA.
Rig: NorCal 40A @ 3 watts output (measured).
Pwr: Yusau 2 amp/hr gel cell
Ant: 2 el yagi @ 60' (boy, does THAT help!!)

Weight: 2 3/4 lbs, including battery, rig, key paddle, earphones
and all cables.

No antenna tuner used/needed.

Mebbe next month will be better -

72/73

Pete, W6ZH

From: aldot@whidbey.com (A. W. Schlottman)

To: Russ1031@aol.com

Hi Russ,

I sure was glad to read your comments re the latest Sprint this evening and to learn that 40 meters was dead for you, too. Way up here on Whidbey Island, north of Seattle, I didn't make a single contact on 40 meters. I heard K10J (the only CQ SP I heard) for a long time, but he sure never did hear me. I switched down to 80 meters, but for only a short time--I wasn't hearing anything more there!! Maybe better luck next time??

72

A1

I RAN A NORCAL 40A AT 3 WATTS. TOTAL STATION WEIGHT WAS 3 LBS 1 OZ (49 OZ).

THANKS FOR PUTTING ON A FUN, LOW KEY CONTEST. IT WAS WAY TO COLD FOR MOUNTAIN TOPPING, SO IT WAS GREAT TO HAVE AN EXCUSE TO PLAY WITH MY PORTABLE QRP STUFF INSIDE.

73 AND GOD BLESS

ERIC C. HANSON (AC6YB)

Hi Gang,

Was it just my area with the noise?

I spent the afternoon making a couple of mods to the 49'er, adding some connectors, and checking out the SLV. Checked out the HW-8 also, just in

case. Even bought a new Lithium for the 49'er.

The band sounded okay around 0100Z, some good signals and a little noise, just enough to move the s-meter on the Icom 735 with the dipole. Sat down with the wife and rested for a short time and then went outside and set up the rigs and SLV. 0230Z rolled around and I heard one station calling on 40, around 7044, and they were calling CQ about 5 times, their call 3 times, CQ 5 times, etc. Even I kinda figured they weren't playing. Didn't hear anything else. Set up the HW-8 and checked out 3560, lots of static and a couple of really weak signals. Even brought out the RS DSP, no good either.

About 0300Z decided to come back in the house and use the Icom and dipole, figuring it was the DC receivers causing the noise. Same thing in there, lots of static and very few signals. Noise level was about a S-6 on 40 and slightly higher on 80.

Guess it just wasn't my night. I'll have to settle for the fox tomorrow.

Hope all did better than I did, no contacts...

72/73

--

Bill Myers KK4KF

Bill,

Same thing up here in NJ. I heard a few stations but no answer. I did catch KS4L in AL but that is all I have to show for 2 hours. Band was quiet on 80 which means the BAND was BAAAAA!!!!. Guess we have to wait till next month
We tried....

Dean, N2TNN

Hey Gang,

The Spartan Sprint last night was a challenge to say the least. I've never experienced such rapid shifts in band conditions. The most extreme example was during the last five minutes when KE6PY0 returned my CQ call at 589, I mean he was REALLY strong. By the time I finished giving him my report, the band closed down and I wasn't hearing

anything...didn't even hear him come back and I'm sure he lost me. I had several that I heard come back to me and the band would fade in the middle of their report down to nothing. I must have had three or four partially completed contacts that way.

Interestingly, the propagation and skip conditions when I could hear anything were very consistent. I looked up three of the four stations and one ragchew right after the sprint and the distance was surprisingly consistent:

KC6T CA 1239 miles
W6ZH CA 1213 miles
KE6PYO CA 1217 miles (partial contact)
K8KXK NC 1156 miles (ragchew post sprint)

It looks like my delta loop was reaching out to 1215 miles give or take about 15-20 miles. Outside that distance, no one could hear me. My other sprint contact was in Tijuana, Mexico -- XE2ELX and I'm guessing that was about 1200 to 1250 miles as well. Federico had a nice signal into Austin from the Baja penninsula.

I have encountered this on other nights as well. When I check my "mileage" on those multi-contact nights, I often find that all the contacts were within a 20 -50 mile distance range, even though scattered all over the country. When the RF "skips" it sure does so consistently, but I'm curious what goes on when the band closes up and then re-opens and then closes multiple times in a short period of time, say a couple hours time. Is the ionization layer moving up and down that much? Or are experiencing gaps or holes in those layers? What gives? Any theories out there? It sure was bouncing around alot last night.

It might make an interesting propagation study to report "skip" distances with our fox and spartan sprint results by type of antenna used. If any of you want to take the time to look up your contacts on the QRZ database, enter your zip code and report back your skip mileage by type of antenna used, I would be glad to compile it and report it back to the list. Just send me a note with the contacts, the distance, your antenna type and height above ground and I'll see what I can do with it.

Gary, KJ5VW
Austin, TX

Call: W1HUE

Location: Idaho Falls, Idaho

Station: Total weight = 11.5 lb., consisting of:

- HW-9 with built-in keyer.
- 6AH GelCell battery pack.
- Brown Brothers paddle.
- Pair of old Walkman type headphones.
- No antenna tuner.

Antenna: GAP Voyager Vertical

40M QSOs: 2

80M QSOs: 7

Talk about an exercise in futility!! About the only station on 40M that I could hear (besides the "F" beacon) was K10J and he could barely hear me. Worked everyone that I could find on 80M and gave up after 1.5 hours.

Hope I

have better luck in the 160M contest next weekend... :-)

72, Larry W1HUE

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996

From: "Dean Marzocca" <n2tnn@ifu.net>

Subject: [5656] Spoke too soon

Message-ID: <199612050456.XAA04689@mail.ifu.net>

Just to catch up on that last thread about the fate of radio in general I think I spoke too soon. So far, not one kid (only 4 here) has shown any interest in getting their own license. I mentioned that a few days ago on the list but I just about fell out of my chair tonight. Son #1 came down to the shack just before bed, said good night and then asked if I still had those 5 wpm code tapes.

Yahoo!! I almost pulled down the book shelf looking for them. He said thanks and asked what 5 wpm sounded like. He is used to hearing you guys and gals going at the speed of light around 7.040. "How do you know one letter from another?" he asked. "They all sound like one long word", I told him that is exactly what it is, one long word that ends in BK or KN.

I then found a slow station, about 10 wpm in the novice band and he said that sounded easy (he ment to say 'reasonable'). He said ok and went off to bed to listen to the first few letters on the tape.

Talk about new hams, well I have one at the front door,

the bell is ringing and I don't know what to do or say when I open it up. Any suggestions will be appreciated and I don't want to loose this one. How about the old time elmers or new time elmers giving me a few words of encouragement. We just might be tapping out code at the breakfast table with spoons or something tomorrow morning. I need to get ready...

Also, NJ is all out of Nintendo 64 systems, I have been looking this past week. The little guy mentioned above has one on his list and I can't find one. If your local store has them in stock, I will send money and pay for shipping, etc. Maybe I could put a 40 A in the box with it. Let me know if your store has a system.

Thanks to all 72/73, Dean, NJ, N2TNN, QRP-L # 560

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Steve Bornstein <saborns@freenet.columbus.oh.us>
Subject: [5712] TEN TEC TP ENCLOSURES PRICES
Message-ID: <Pine.3.07.9612051724.A15153-b1000000@login>

----- Forwarded message -----
From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: GMPT <hapence@erols.com>
Subject: [5709] THEFT
Message-ID: <2.2.16.19961205155025.1c3fe90a@pop.erols.com>

I would appreciate hearing from anyone In the Woodbridge/Lake Ridge VA area who sees/hears of any of the following items for sale, etc.. They may well be the ones stolen from my Ford Van the night of Oct 27, 1996.

info stickers	Small Wonder Lab SWL-40Meter QRP XCVR (name/power data & may be etched w/"KQ4AL"
	Military Leg Key
	Radio Shack Mini Amplifier Speaker w/ black id "KQ4AL"
	Gusher II 40M Dipole, back pack type, w/RG122 coax, Red24#
wire Legs	
extra ant	Misc collection of connectors (coax, 12VDC pwr & audio), wire, and a magnifying glass.
had "KQ4AL"	All above was in a small black back pack which may have in WP black ink on the top flap.

I had hoped the parents of the pilferers would have had the stuff returned, but I guess, not in todays society.

Thanks for your time.. Grover KQ4AL 703-494-8576

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Roy Boggs <rboggs@pcc-uky.campus.mci.net>
Subject: [5633] Warren, AD4ZE: ??????????
Message-ID: <2.2.32.19961205000647.006909dc@pcc-uky.campus.mci.net>

>From Warren, AD4ZE:

> I will sorely miss reading the email from all of you next year!!

> cheers - Warren

Hey Warren...where are you going?? Whoa...what's up buddy???? Or is it too personal?? You leaving?....going out of country?? You can't leave...we just got acquainted!! What's going on here, (anybody)???

de KC40 Roy Boggs (ex KE4KDT)

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Frank G3YCC <g3ycc@enterprise.net>
Subject: [5697] Web site
Message-ID: <32A76965.55A2@enterprise.net>

If you have visited my web site in the last few days, you will have seen the Christmas card. This is now accompanied by the 'Joy to the World' Christmas carol, or should I say a small portion of it. Next addition will be a bit on the Mizuho h/held HF rig, with pictures.

--

72/73

Frank G3YCC G QRP 042 G QRP Master's Award 024
QRP WEB PAGES: <http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Frank G3YCC <g3ycc@enterprise.net>
Subject: [5696] Winter sports

Message-ID: <32A659F4.3A37@enterprise.net>

Maybe some QRPers do not know about the G QRP Club winter sports. This is not a contest, more a get-together of QRPers starting on Boxing Day and ending on New Year's Day. Most of the activity is on CW around the usual UK QRP frequencies (3.560, 7.030, 14.106, 14.060 etc). A good time to work other low power op's and you don't have to be a member (but you are welcome to join!). Logs are sent in to record your activity, see Sprat for details.

Some years ago when the sunspots were up I remember working US stations on five bands, starting with QRP/QRP contacts on 28 mhz, then slipping down to 21 mhz, etc (we didn't have 24 or 18 mhz then). Doubt whether it will happen this year, but many QRP QSOs are guaranteed - if you take part. A nice change from turkey, crackers and plum duff.

'Sorry dear, can't do the washing up - the QRP gang are a'calling' may be the frequent cry! :>)

Hope to be on and work some of you in the WS.

--

72/73

Frank G3YCC G QRP 042 G QRP Master's Award 024

QRP WEB PAGES: <http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996

From: "Phil, AC6LS" <ac6ls@amsat.org>

Subject: [5689] YAAAAH00000!

Message-ID: <32A6F4C7.925@amsat.org>

ALLRIGHT!!! finally got my new call via my "day after" vanity application..(just got done looking at the QRZ webpage)

what a splended day! think I'll celebrate by ordering one of them 38 specials (norcal kit!)

see you on the air, 72 de Phil K6LS (was AC6LS)

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996

From: wager@juno.com (James W. Cates)

Subject: [5677] Re: " 38 Special" Orders

Message-ID: <19961205.081500.3966.1.wager@juno.com>

When ordering a kit, if you have an address label, please include it. It will save me some work. But, if not, don't worry about it; order anyway.

Tnx. jim, WA6GER

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "Ten-Tec Inc." <sales@tentec.com>
Subject: Re: Club Group Purchase

At 11:06 PM 12/4/96 -0500, you wrote:

>
>
>
>Hello Scott,
>
>Our group order T-Kits is coming along very well. There is one thing I
>wanted to check on though. Is the pricing on the TP series boxes the price
>listed "with the purchase" of T-Kits? A number of people want to order
>enclosures.
>
>73, Steve K8IDN

Hi Steve:

The TP series enclosures even with the club discount program are still the same "with kit order" price listed at the back of the kit catalog. No additional discount.

Push the 40 meter rig back at least another week for delivery. Still trying to finish all the details.

Scott W4PA, Ten-Tec

>
>
>> >I am putting together an order on behalf of my fellow radio club members
>> >and had several questions:
>> >
>> > 1. Expected Date of Shipment of 40 m QRP rig?
>>
>> (fingers crossed) December 13th or so. Can't promise.
>>
>> >
>> > 2. Is #1260 available?
>> >

>> > 3. Are # 1208 and #1209 available?
>> >
>> > 4. May TP series metal boxes be included on group orders?
>>
>> Yes, yes, and yes. All are in stock at the moment. Might be a good
>> idea to check the availability of specific sizes of the TP boxes as they are
>> in and out.
>>
>> 73
>> Scott Robbins W4PA
>> Ten-Tec
>>
>>
>>
>>
>
>
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>
>

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Larry Makoski <n2elw@worldnet.att.net>
Subject: [5643] Re: Death of Amateur Radio ???
Message-ID: <32A60A69.79C@worldnet.att.net>

Gary Aylward wrote:

>
> Who was it that (reportedly) said "Reports of my death have been much
> exaggerated"?
>

Samuel Clemens A.K.A. Mark Twain

--

73 de Larry N2ELW

ARRL Life Member QRP ARCI #4488 AMSAT #26430 FIST #1469
QRP-L #778 --- " QRP is NOT for sissies !! " ---

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [5682] Re: Death of Amateur Radio ???
Message-ID: <Pine.A41.3.95b.961205082859.117010A-100000@homer20.u.washington.edu>

> Gary Aylward wrote:

>

> Who was it that (reportedly) said "Reports of my death have been much
> exaggerated"?

>

While Mark Twain was in London for a visit someone circulated a rumor of his death or impending death. The editor of the New York Journal got wind of this rumor and fired off two telegrams to its London correspondent: "If Mark Twain dying in poverty in London send 500 words," then, "If Mark Twain has died in poverty send 1000 words." The Journal's correspondent showed these telegrams to Mark Twain, who immediately penned a reply explaining that his cousin, James Ross Clemens, had been seriously ill but was recovering in London. Twain ended his reply with the now famous line, "report of my death greatly exaggerated."

Please someone...if the Fox is dying, send 500 words (CW)...and if the Fox has died (as in last night!?) send 1000 words (CW).
I need the practice.

Stephen Lee, AB7HI
slee@u.washington.edu

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: rright@primenet.com (Roger Hightower)
Subject: [5660] Re: FOX
Message-ID: <199612050537.WAA11226@primenet.com>

At 08:01 PM 12/4/96 +0000, Richard Wilkerson wrote:

>Why would you jam a fox???????????????

>

>I cant believe what my ears heard tonight on the band.

>--

Heard him here in AZ, too. Not a peep out of Mike, though. Still "under the umbrella".

72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: lve1@inel.gov (Larry V East)
Subject: [5715] RE: Fox
Message-ID: <2.2.16.19961205233404.476f6ce4@eloi>

>2. 0215 WIHUE 579 559 ID LARRY 228
>3. 0220 N6XU 449 559 CA STAN 66
>

Holey Moley, Bat Man -- I got a better report than Stan!! :-)

Ah, yes ... sometimes the Propagation Gods do indeed smile on the faithful...

(That second character in my call is a "one" by the way...)

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [5649] Re: FOX Jammer
Message-ID: <Pine.LNX.3.91.961204203743.24725D-100000@dt1.datatamers.com>

Rich,
I heard the jammer, too. Thought he was fairly local because he was so strong. He was swishing his VFO around...that the one you heard? Anyone else hear him?

I never did work Mike. Too weak (339 on peaks), too much QSB, computer hash, TV birdies, and of course the jammer!
72, Dave, W6EMD, Redwood City, CA

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Richard Wilkerson <richqrp@pacbell.net>
Subject: [5652] Re: FOX Jammer
Message-ID: <32A5E399.748F@pacbell.net>

David D. Meacham wrote:

>

> Rich,
> I heard the jammer, too. Thought he was fairly local because he was so
> strong. He was swishing his VFO around...that the one you heard? Anyone
> else hear him?
>
> I never did work Mike. Too weak (339 on peaks), too much QSB, computer
> hash, TV birdies, and of course the jammer!
> 72, Dave, W6EMD, Redwood City, CA

Yes Dave thats the same guy..I was lucky I worked Mike before the
jammer. There would have been no way to copy , due to the jammers
strong signal.

--

Rich Wilkerson WD6FDD, Santee, Ca.
NorCal, ARCI, Qrp-L, E.C.R.A.
scQRPions

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Jim Hydzyk <congress@magpage.com>
Subject: [5665] Re: FOX Jammer
Message-ID: <199612051357.IAA27280@alaska.magpage.com>

Hi Dave, and the left coast gang,

At 08:43 PM 12/4/96 -0800, you wrote:

>Rich,
>I heard the jammer, too. Thought he was fairly local because he was so
>strong. He was swishing his VFO around...that the one you heard? Anyone
>else hear him?

In the process of Fox-sniffing, there wasn't a hint of QRMing on/around the
frequency here in Delaware during the 2 hours. Looks like this one is far
west of the Mississippi.

Good Luck, Jim K3QIO

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [5704] Re: FOX Jammer
Message-ID: <199612052027.0AA16775@multi13.netcomi.com>

I concluded he was local, too. The signal didn't have any characteristics
of skip to its sound. Fortunately, nobody fell into his trap and

acknowledged him, so he did go away after a while.

Mike K1MG

> I heard the jammer, too. Thought he was fairly local because he was so
> strong. He was swishing his VFO around...that the one you heard? Anyone
> else hear him?
>
> 72, Dave, W6EMD, Redwood City, CA
>

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Vic Rosenthal <rakefet@rakefet.com>
Subject: [5705] Re: Fox Jammer
Message-ID: <32A72DCB.554B@rakefet.com>

Laura wrote:

>
> I have seen several posts regarding a jammer on the fox frequency last
> night. I wasn't on so I didn't hear anything, but I am curious what sort
> of jamming it was. I am really shocked to hear that someone would jam a
> fox - and I find it even more amazing that it's on CW!! I've never heard
> any intentional interference on CW. Let's hope it was an isolated
> incident!
>

Some of the 'big' dxpeditions have been the subject of intense jamming,
CW as well as phone. I recall throwing my phones down in disgust when
some Einstein was sending continuous dits _exactly_ zero beat with
Bouvet Island.

Vic K2VCO

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Patrick Taber <ptaber@logicraft.com>
Subject: [5707] Re: Fox Jammer
Message-ID: <1.5.4.32.19961205203854.00969628@freebird>

>of jamming it was. I am really shocked to hear that someone would jam a
>fox - and I find it even more amazing that it's on CW!! I've never heard
>any intentional interference on CW. Let's hope it was an isolated
>incident!

The other night I head a 4-area station in the greater 7.038 area trying to work a DX station he needed. Every time he over-ed to the DX some clown would lay a little RTTY on the freq. They shifted up and down the band but the clown followed. Maybe the same guy. It's tough to remember when that's happening that the clown in question is some sad, sick individual more to be pitied than scorned. It helps to remember that scorn is what they desire and withholding it upsets them more than it does you.... ;-)

>>>==>PStJTT

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [5662] Re: Fox Report Novice/Tech+
Message-ID: <1.5.4.16.19961205053317.252f3190@destin.nfds.net>

At 12:10 AM 12/5/96 EST, Bradley L Mugleston wrote:
>Boy was it noisy out tonight. The wind was blowing like crazy and
>grabbing my 4 watts and sticking them right in the ground.

Noisy isn't the word!!!!!!!!!!!!!!!!!!!!!!

>Time Call RST State Name Number
>0208 FC I had to write this one down. After 8 minutes of
>calling CQ it was nice to hear someone.

I think this one might have been me also, I was really trying but you were up and down.

>0222 KK4KF 359 ?? Bill (I think) Your call came in 349 and
>after my exchange you nearly got blown off the face of the earth. I
>think you name is Bill cauz I got -I-L then B--L I put that together
>and got BILL

This one was me KK4KF, 339, FL, BILL. You faded out and I wasn't sure you got it. I repeated everything twice hoping you'd get me. Your signal went from 349 to gone in a matter of seconds.

I never did hear the other fox, if there was one, down on 7.038 +/-

Thanks for getting me again Brad.

CHUCK... How about a half a point or something for getting a N/T+ fox after the first one. These guys are getting as hard to catch as the big ones....

--

Bill Myers KK4KF
FISTS#2390 QRP-L#755 ARCI#9282 scQRP#42 CQC#386
Grid EM60rk (Shalimar, FL 32579)
Snail Mail P. O. Box 178
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
(Reptiles/Emergency Services/Amateur Radio)
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists>
^^^^ That's N 9 N V V

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Joel Malman <malman@BBN.COM>
Subject: [5691] re: FOX: Last night's results
Message-ID: <199612051721.MAA210559@nss2.CC.Lehigh.EDU>

Arg. Arg again. And Again. One for each night since the Sprint.

40 Meters is nothing but noise and QRO by 9pm local time. On the N/T+ frequencies the only thing that gets through is Radio USSR (old Radio Moscow). Certainly no FOX qrp signals.

There have been 4 foxes this week - and I've been skunked every time.

Arg.

/joel wa1qvm

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "William O. Reichert" <billnihh@apci.net>
Subject: [5714] Re: FT-757 & NC-40 Questions
Message-ID: <199612052326.RAA30398@hilly.apci.net>

If the GXII is like the original GX, you can turn down the second transmitter mixer gain pot to the five watt level. It will stay there quite well, and it will also reduce the ssb output to the 5 watt level with out barely cracking mic gain control. The downside: two things. 1) If you want to QRO, you have to adjust the pot; 2) the pot was mismarked on the board in my original 757GX. I no longer have it, nor the manuals, so I can't be more

specific about location or numbers. But it works, I did it.

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Ken Lopez <kjlopez@earthlink.net>
Subject: [5632] Re: G3TSO Transceiver
Message-ID: <32A6116B.6C6E@earthlink.net>

Peter Barville wrote:

>
> those Plessey devices are
> >impossible to find. A second option is some of the
> >boards from Hands electronics (UK), available through
> >Kanga USA.

How can I get in touch with Kanga, or Hands?

>

> > However, finding a suitable source of the Plessey chips is now likely to
> > prove very difficult indeed. . I believe Hands offers a multi-band ssb/cw rig
as well.

> 72

> --

> Peter G3XJS

Peter, what happened to the Plessey chips and their availabiltiy?

I am interested in the Hands rig. How do I find out more?

Cheers and 73,
Ken, N6TZV

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>
Subject: [5636] Re: G3TSO Transceiver
Message-ID: <199612050036.AAA28977@mail.bright.net>

Plessey stopped making that line of IC's this past year.

If you have questions about Kanga US or Hands - drop me a note, or
check out my web page at

<http://qrp.cc.nd.edu/kanga/>

73 - Bill - N8ET

Kanga US

> Peter Barville wrote:
> >
> those Plessey devices are
> > >impossible to find. A second option is some of the
> > >boards from Hands electronics (UK), available through
> > >Kanga USA.
> How can I get in touch with Kanga, or Hands?
> >
>
> > However, finding a suitable source of the Plessey chips is now likely to
> > prove very difficult indeed. . I believe Hands offers a multi-band ssb/cw
rig as well.
> > 72
> > --
> > Peter G3XJS
>
> Peter, what happened to the Plessey chips and their availability?
>
> I am interested in the Hands rig. How do I find out more?
>
> Cheers and 73,
> Ken, N6TZV
>
>
>

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Jerry Brown <jmbrown@edge.net>
Subject: [5648] Re: gentleman Mike, K1MG
Message-ID: <32A65102.A4@edge.net>

Just came across a picture of Mike, K1MG, on the Nor Cal web page (the
Dec meeting)...he was a real gentleman when it came to getting a rig to
us for h.f. ssb; the rig is for a missionary family. Thanks again Mike.

Jerry N4EO
Angie N6DXW

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Stanley Wilson <microres@crl.com>
Subject: [5666] Re: Ham vs Internet

Message-ID: <Pine.SUN.3.91.961205055316.4443A-100000@crl11.crl.com>

I believe that 'vs' is the wrong verb. Ham radio (been in it 44 years) and the internet are all about being creative, communication, technology, and education. I have operated CW, AM, SSB, RTTY, Packet, VHF, UHF, homebrew and DX (confirmed 230 countries). Now I operate on the internet. One can not function in Ham radio or on the Internet without learning. It has to be a FUN thing to do as well. I do not operate in all phases of ham radio and do not care for the chat rooms on the internet. But I still enjoy both hobbies. If I am at my work bench or sitting in front of the rig time flies. I find the same is true of the Internet. I enjoy surfing. I have also found it to be a great help in my work (consulting). I am now learning how to do my own web page. It is just as much fun as it was building a superhet solid state receiver last winter. I try to combine my many hobbies. This winter I am building model airplanes. I am mixing the hobbies. i.e. see my web page

<http://www/crl.com/~microres/>

My web page is fun and just like my ham station 'under construction'.

Remember keep it FUN.... :-)

de Stan AK0B

P.S. I have sound and animation on my web page. Cutting edge of technology. But I also run homebrew QRP CW equipment. Combine the two for more hours of pleasure.

-73-

microres@crl.com

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [5639] RE: How did I get started in ham radio
Message-ID: <19961204.214618.4687.0.wb2vuo@juno.com>

Interesting thread here. I wish I could say that my neighbor/relative/Elmer got me hooked by showing off hie milliwatt DXCC, but it isn't so...

Our family moved to Liverpool, NY, a suburb of Syracuse, and the home of GE's Electronics Park in 1965. I soon discovered that one of our neighbors had a garage-full of interesting "stuff". In fact, it looked

like a sci-fi movie set!

Bill, who's call slips me right now, had a homebrew TX for 80,40,15 and 10 Meter AM (!!!), a National HRO-50 RX and a Hornet tri-bander on a 35-ft tower. On Saturdays, he talked to his brother in San Bernadino, CA, usually on 15. He invited me to have a seat and listen/watch his QSO, even got me to say Hi once or twice.

I WAS HOOKED !!! I HAD to HAVE a rig like THAT !!!

I took a Novice/Tech class at one of the local schools, sponsored by RAGS (Radio Amateurs of Greater Syracuse). The instructor was Les Fryer, W2OQY, later W2CM. I took the Novice and the Technician test in November of 1965, and waited FOREVER, or it seemed that way. My ticket(s) arrived on 24 February, 1966, and my call(s) were WN2VUO (Novice) and WB2VUO (Tech).

I went on the air with a HB TX (a single 12AT7 oscillator) and used a Hallicrafters SX-25 RX (built in 1944, 6 years before I arrived on this plane of existence). I upgraded to a Johnson Viking Adventurer, a kit version yet, and used a pair of inverted vees, 80 and 40 Meters. I had fun on the LowBands, but failed the 13 WPM 3 times that year. I stayed on 6 and 2 Meters (AM and CW) until I went in the Navy in 1970, and upgraded during a Med cruise on the USS Fulton (AS-11) in 1972.

I took 23 years after that to finally upgrade to Extra, and never would have if my brother John (KB2SIL) hadn't upgraded at that time. It was one of those "You might as well try for your Extra while I am taking my test..." deals, but it worked.

Outside of deployments overseas to locations where I couldn't operate due to Security considerations, I have been active the whole time, overly active according to some of my family. About the only modes I haven't dabbled in so far are Facsimile and SSTV, but there's still time for them...

I don't. in my mind, fit the "Old Fart" category, but there's only one ham in the Klub (BARK) that's been around the hobby longer than I have. There must be a logical explanation, but I can't remember what it is...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40,
ARRL LM, TS (WNY Section), VP/BARK,
Trustee, KB2YTW/B 10 Mtr Milliwatting Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996

From: Dan Keen <70731.722@CompuServe.COM>
Subject: [5655] Re: How did I get started in ham radio?
Message-ID: <961205045301_70731.722_EHM49-4@CompuServe.COM>

- > If you want a real eye-opener, have a look at any of the
- > professional magazines. Wireless is the Next Big Thing.
- > All the development is on frequencies like 2.4 GHz. Sigh.

Tonight's newspaper had a story of a company that today is announcing a tiny sized portable cellular device which sends EMAIL to any email address on the internet, not just to other pagers.

Dan

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Patrick Taber <ptaber@logiccraft.com>
Subject: [5674] Re: How did I get started in ham radio?
Message-ID: <1.5.4.32.19961205154500.00ae12c0@freebird>

OK, I'll weigh in with my "Me Magazine" article.

My story of becoming a ham is a pretty common one. I was interested in radio in general from cruising the AM broadcast band late at night when I was supposed to be asleep. From my Boston home I would hear such exotic places as Nashville or Cincinnati. I don't know if I was hooked because these places were "far away" to me at the time or if it was just the forbidden nature of staying up clandestinely listening to the radio. (I had to be careful because my older brother and I shared the room and he would have -- often did, in fact -- turn me in if he woke up.)

So I found a copy of the ARRL License Manual -- this might have been 1962 or so, I'd have been 10 at the time -- and read it cover to cover. I tried to learn the code, but with no one to help didn't do well. I couldn't listen to W1AW because all I had was my AM clock radio. I studied the theory and made my plans to go into the Customs House in Boston to test, but never did. The Old Man brought home a shortwave radio but we couldn't touch it if he was home. He never told us how it worked and I could never figure out how to tune it or how to find stations to listen to. It had two pen marks -- one on the tuner dial and one on the bandspread -- that would when the needles were aligned right would sometimes pick up WWV. Years later I realize the combination of propagation and needing to set the bandswitch is what made it seem so unreliable. The lustre wore off and I stuck with informal BC band DXing.

New decade. Early 70's. I join the Army and with time on my hands start looking into ham radio again. I build Heathkits and study the written material. I order code tapes from 73 magazine and a paper-tape code sending machine. I never make 5wpm. I do find hams on the post -- they're nice guys but they want to spend time with other hams. I get a pointer to the local ham club and go there where I'm cordially received -- everyone says "You'll love being a ham" nobody says "Let me help you." I get a CB license -- KFR5394 and play with that a bit, but it's not fun.

1975 -- I make a New Years resolution that this will be the year I get my Ham Radio License.

1985 -- Decide that this time I'll really get my license. Bought a Radio Shack receiver that will receive the ham bands and finally hear W1AW.

1988 -- Working as a Software Engineer for Digital Equipment Corp, I run into a ham-related, computer-based notesfile -- sort of like a newgroup only more polite. Electronically I get help and encouragement that I never did get before and combined with having money, experience and confidence I study the manuals, listen to the code tapes and finally after 17 years of *wanting* to be a ham, pass my Novice (by one letter on the code test.) A license for station KA1SVY arrives Dec 31st, 1988.

I note in passing that I had the theory nailed down since 1962. I've never, ever failed a written exam. It's also amusing to me when hams who were licensed in the 60's or afterward tell me how much harder the theory exam was and how they had to know the answers and couldn't memorize them. "We had to draw the circuits with values written in!" they exclaim. They figure since I was license in '88 I don't know that the '62 license manuals all had figures "oscillator circuit with typical values." Certainly I can still draw one from memory.

Most amusing to me is the fixed idea that hams have that they are somehow visible to the general public (they aren't) and/or approachable (I still see "civillians" come to ham radio club meetings and be corially ignored by the folks who, after all, came to talk to their ham buddies.) I try not to be like that. I have taught classes and extended myself to bring people into the hobby. My old Radio Shack receiver has been loaned to several people who have used it to boot themselves into ham radio and to people who eventually return it with and disappear with muttered thanks.

I've never found a way to make ham radio interesting to someone who isn't already interested in it. I don't know any good reason why someone should be interested in it. Last night, after putting the kids to bed, I turned on the TS-440 after listening unsuccessfully for the Fox, set it to AM and listened to a talk radio station until it identified -- WPHD talk radio in Philadelphia. And I still felt the old thrill.

>>>==>PStJTT

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: kd1jv@juno.com (Steven Weber)
Subject: [5702] RE: How I became a Ham
Message-ID: <19961205.133533.4863.3.KD1JV@juno.com>

Hope someone is collecting all these stories and will publish a book....

Well, best I can figure, I was born with a fist full of wires and a soldering iron in my hands. As you might imagine, it was very painful for my mother..

My mom tells a story about when I was 3 years old and found a screwdriver. Went around the house and took the set screw out of every door knob...been taking things apart ever since....

There were a lot of Hams in the town I grew up in. (South Plainfield, NJ) A near-by neighbor was a Tech, and were friends of my parents, so hung around in his magical radio station a lot. A few of my school friends had dads who were Hams.

I was always fascinated by electricity and radios. By the 5th grade I was already a homebrewer, and built my first electric buzzer from junk in my dad's workshop.

My first radio was soon after that, built from a science kit, a crystal radio with a transistor AF stage. By the 6th grade I was taking apart my All American 5 AM radio and peaking the IF stages for better AM DX. Was reading, (but maybe not understanding) every book on electricity and electronics the local public library had.

By the 7th grade, saved enough money to buy a Heathkit SW radio, which I built all by myself, and it worked!

The summer between 7th and 8th grades a couple of my friends and I decided to become hams. (We were at the age we were spending hours on the phone, and figured we could use 2 Meters instead) We spent the summer learning the code and studying for the novice exam, which was given to us by one of the dads. We all passed first time. Couple months later intensive licensing became law and we lost 2 meter phone.

Less than a year later we took the train to NYC, found the FCC building and passed the General.

By the time I graduated High school, I had an Advanced ticket and a First Class radiotelephone license with Radar endorsement.

For most of my 43 years, never been far from a soldering iron, needle nose pliers and a screwdriver!

de Steve KD1JV

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [5646] Re: JPS ANC-4 noise cancelling device
Message-ID: <Pine.SUN.3.95.961204210505.24097A-100000@ume>

I have an ANC-4 that I picked up at Dayton. It is a definite asset when using my shunt loaded tower vertical for 80 and 160. I get a minimum of 2 S unit improvement. (I live in a neighbourhood with underground hydro) Sometimes much more. A poor mans alternative: the K6STI loop with homebrew pre-amp. works just as well, (sometimes better) IMHO but means you need a coax antenna switch and the space for the small horizontal loop.

BTW, harmonic passed his code, look for VE6GK in the future fox hunts!

Dr. Rick Zabrodski BSc, MD, CCFP(E) MRO *	VE6GK
Clinical Assistant Professor	* NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary	* "Power is no substitute for skill"

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: talljazz@teleport.com (Dan Presley)
Subject: [5703] Re: Loss of AEA & Decline of HAM Radio
Message-ID: <v01530502aecccc1a65ee@[206.163.124.155]>

>This is my first response to this site. I am new here, a ham less than 2
>yrs. Like QRP & CW best!
>I can relate to the arguments that a crowd of potential hams are lost to the
>Internet & the wonders
>of modern communications. You will never keep that herd anyway. What
>remains? A group that wants to
>burn the top off of your rig in a contest pileup? A group trying to find the
>absolute minimum power
>to communicate? All of the above?
>Musicians also fall into two groups: technicians and artists. Many are a

>mix. The medium is music not
>the personality. The ones who stay like music. The hams who will stay enjoy
>the medium. We send an
>incredibly small amount of energy out there and to some, we feel the
>excitement of the first person
>to ever send a message without a wire. That joy will always find participants.

>
> 0.9860137 ! (72/73)

>
> AE4JA ARCI#9269

Louis-excellent comments! As a musician, I understand your analogy, and hope that others will think about this. Our hobby may not be for everyone, but those who "get the fever" will carry it on. I've been a ham for 20+ years (2 different stints) and have heard the death knell sounded many times-also, as a professional jazz musician, I've been told that "Jazz is dead" every year I can remember. Somehow, we keep persevering!

Dan N7CQR

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: rright@primenet.com (Roger Hightower)
Subject: [5708] Re: MOBILE ANT
Message-ID: <199612052039.NAA17025@primenet.com>

At 12:52 PM 12/5/96 CDT, David Kreinberg wrote:

>
> Hi Folks:
>
> Was kicking around the thought of beginning
> mobile operation, but don't know where to
> start when it comes to antenna hardware.
>
> (snip)

Nothing wrong with the rig or "Snapper"...it's important that the antenna be right.

If you insist on using a magmount, be sure that you get one of the three or four magnet setups with BIG magnets. Lakeview has a good one, and I've used it at 70 mph with no problems.

The simplest setup is a Hamstick or Valor vertical. The wind loading is fairly low, and they are easy to tune. You might have to order the optional long whip to get it to tune down to the lower end of the band. There will only be three pieces to buy....the big magmount, the antenna, and _maybe_

the extra, long whip to tune down.

I had a Hustler, but sold it, because the wind loading was too high. Still have a Spider, but the wind loading is high on it also. Now working with a Valor 80M whip, using a DX70T and EDX-2 autotuner, and can work all bands 10-80M.

Good luck, and let us know how it works out.

72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996

From: Jerry Brown <jmbrown@edge.net>

Subject: [5657] Re: Nor-Cal web page

Message-ID: <32A6570C.15E5@edge.net>

J.B. Fox wrote:

>

> I have looked for the web page of Nor-Cal and some how it eludes me.

> All I get in search is Northern California Horse group etc.. HI!

>

> tks de w5hir

NOR CAL:

<http://www.fix.net/~jparker/norcal.html>

N4EO

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>

Subject: [5664] Re: NW Rig Power

Message-ID: <Pine.SOL.3.94.961205071624.15326B-100000@utkux4.utcc.utk.edu>

Re: backwards transistor operation.

The doping of the emitter and the collector on many transistor types is only slightly different and both are structured to handle about the same

current (emitter handles collector plus the almost insignificant base current). Hence, many work backwards at reduced gain (and who knows how many other specs). Found this out with a transistor tester many years ago. A few junk box transistors had higher than 50% of the gain of the forward position when put in backwards. Of course, most required fancy lead bending.

With the collector in the correct place in this instance, it appears the reversal was the emitter and base. Ordinarily, that would cut off the transistor, which suggests capacitive coupling through the transistor to the output across the reverse bias junction. Possibly input peaks drove the device into conduction for a tiny fraction of the waveform.

I'll look forward to what is uncovered here. I doubt that it will result in a new way of converting QRO rigs into QRP.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Gary Aylward <gaylward@servomex.com>
Subject: [5684] Re: NW Rig Power
Message-ID: <68A6923101E02400@c2gate.tcom.co.uk>

Re: reversing base and emitter connections on PA transistor

If the rig is a CW-only rig with a class-C PA, using the transistor in the common-emitter configuration, i.e. input to base, emitter to (AC) ground, load between +V supply and collector, then reversing the base and emitter will merely configure the amplifier as common-base.

The common-base transistor amplifier has a low input impedance, high output impedance, current gain less than one, and the voltage gain is the ratio of the load resistance to the transistor input resistance. With a low-impedance antenna as the load, it is easy to see that whilst not causing any damage, this circuit will not do much in the way of amplifying the signal!

In order for the transistor to turn on at all, the emitter must be negative WRT the base, so I assume the signal was AC coupled.

I *think* that this is the explanation of this "mystery", but it was a few years since I learnt this stuff at College, and having not used it in 8 years it's a bit vague now. I stand to be corrected by anyone that has a better answer!

Vy 72 de Gary G0XAN QRP-L 860 GQRP 9120 RSGB

"Homebrewers do it with whatever's to hand!"

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: km1h@juno.com
Subject: [5634] Re: Ocean State Electronics
Message-ID: <19961204.192810.9911.17.km1h@juno.com>

All that stuff still at Radiokit at fair prices.....yes they still around, they just dont push the "cheap ham" market any longer.

603-635-2235 9 to 5 EST Monday to Friday...let the phone ring a bit.
If no answer try agn in an hour or so.
FAX 24hrs 603-635-2943

EMail : eric@radiokit.mv.com (not the best path)

GL.....Carl

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [5647] RE: OHR WM-1
Message-ID: <Pine.SUN.3.95.961204211542.24169A-100000@ume>

Ok, I just built mine as well. (Got it with the group buy)
I understand the sensing circuit but my kit came with no description of how the wattmeter works. Is there a short explanation or reference on how those two IC's work and why this is better than the non electrified sensing circuit.Enquiring minds want to know.....

Dr. Rick Zabrodski BSc, MD, CCFP(E) MRO * VE6GK
Clinical Assistant Professor * NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary * "Power is no substitute for skill"

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [5650] RE: OHR WM-1
Message-ID: <Pine.LNX.3.91.961204204433.24725E-100000@dt1.datatamers.com>

Rick,
I believe the original article was in Feb. 1990 QST, by W7EL.
72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "Lau, Zack, W1VT" <zlau@arrl.org>
Subject: [5672] RE: QRP Power measurement w/ Bird 23
Message-ID: <m0vVfc1-000f56C@mgate.arrl.org>

>I use the Tandem match in the ARRL Handbook
>with a 20 dB coupler. (10 turns on FT-23-43 cores
>instead of the T-50-3 cores) Full scale on the lowest
>setting is 100 mW. The automatic power-on circuit
>doesn't turn on at very low powers, something I need
>to fix, instead of using a handy clip lead...--Zack W1VT

Serious milliwatters should consider using a power
splitter instead of a "10 dB" coupler. As more power
gets coupled to the wattmeter, you need to introduce
a correction factor to the wattmeter scale. You can
ignore this with a 20 dB coupler--you are only talking
about 1%. With a 10 dB coupler its 20%! But, with
a splitter, the output power equals the wattmeter
reading, so no correction factor is needed. If you are
worried about antenna mismatch upsetting measurements,
consider a resistive pad... Zack W1VT

BTW, The Tandem match circuit with a splitter and
a 10 dB pad will yield a 100 uW full scale reading.

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "Lau, Zack, W1VT" <zlau@arrl.org>
Subject: [5681] RE: QRP Power measurement w/ Bird 23

Message-ID: <m0vVgw6-000f54C@mgate.arrl.org>

> Serious milliwatters should consider using a power
> splitter instead of a "10 dB" coupler. As more power
> gets coupled to the wattmeter, you need to introduce
> a correction factor to the wattmeter scale. You can
> ignore this with a 20 dB coupler--you are only talking
> about 1%. With a 10 dB coupler its 20%! But, with
> a splitter, the output power equals the wattmeter
> reading, so no correction factor is needed. If you are
> worried about antenna mismatch upsetting measurements,
> consider a resistive pad... Zack W1VT

Someone wanted to know the difference between a power
splitter and a coupler. The coupler may offer the advantage
of directivity, which is needed to use the SWR measuring
capability of the Tandem match. But, this capability is
degraded at low power levels by strong signals. It isn't
going to work if the transmitted signals aren't much stronger
than the received signals (combine everything the antenna picks
up). The splitter merely divides power between two ports, while
maintaining the proper impedances. See page 155 to 160 of Intro
to RF Design by Hayward. Zack W1VT.

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: john andrews <jm165723@eee.org>
Subject: [5687] Re: QRP Power measurement w/MFJ 949E
Message-ID: <32A6FF9F.334D@eee.org>

John A. Evans - N3Q00 wrote:

>
> Greetings,
>
> I have noticed that I need much more than 5 Watts out of my Ten-Tec C21
> in order to get any deflection of the meters on my MFJ949E. I don't mind
> going QRO to tune my doublet but it would be really nice to do it at
> QRP levels. Also, when I start using my Argo 509 et al., that only run at
> QRP levels, I WILL be in trouble. Any recommendations for a replacement
> tuner/swr/power meter??

>
> 72, n3qoo

>
> -----
> John A. Evans Chief System Administrator

> Office: (719) 528-1800 Titan Client/Server Technologies
> Fax: (719) 528-1888 1115 Elkton Dr, Suite 200
> email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535
> -----

Hello John:

A few recent threads have addressed this very subject.

Looking at my MFJ catalog I see the type tuner you are using has the dual meters. A recent issue of 73 magazine speaks of re-calibrating the meters from 30/300 watts to 6/30 watts. Notice that your meter may already have a scale that is marked at 6 watts and just a re-cal. will solve the problem.

A more intense way of doing it would be to change the core to a -63 or -77/-72. See the QST articles on the W7EL wattmeter. You may wish to experiment with the windings on the core. Hot carrier diodes are an option due to the lower threshold voltage.

Hope that this might give food for thought.

72, John-N5INZ

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Dan Hogan <dhhogan@lightside.com>
Subject: [5692] Re: QRP Power measurement w/MFJ 949E
Message-ID: <3.0.16.19961205091654.21af9192@mail.lightside.com>

John:

I bought the Oak Hills WM-2 QRP Wattmeter at the last group buy. For QRP It's a fantastic meter. Using it to tune with a 1978 MFJ-941 Versa Tuner II.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806, ARRL
dhhogan@lightside.com Lat. 34d 03.5'N Lon. 117d 56.0'W
Grid: OM84wc

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Ken Lopez <kjlopez@earthlink.net>
Subject: [5693] Re: QRP Power measurement w/MFJ 949E
Message-ID: <32A708ED.289D@earthlink.net>

I have the WM-1 by Oak Hills. What is the difference between the 1 and the 2 model?

Ken, N6TZV

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [5654] Re: Shorthand
Message-ID: <961205045251_70731.722_EHM49-2@CompuServe.COM>

Thanks, folks, for the many, many private and also the public e-mail replies about the wisdom of Shorthand/Notehand combined with reading Morse.

Nary a one said it sounded like a grand idea to take a class in Shorthand :)

OTOH, almost everybody suggested learning to read straight from the bottle. Hope all you guys who have learned how remember what a grind it was to learn that skill!

Dan

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [5668] Re: Spoke too soon
Message-ID: <Pine.OSF.3.95.961205092347.1144B-100000@saturn.acs.oakland.edu>

On Wed, 4 Dec 1996, Dean Marzocca wrote:

> Talk about new hams, well I have one at the front door,
> the bell is ringing and I don't know what to do or say when
> I open it up. Any suggestions will be appreciated and I
> don't want to loose this one. How about the old time elmers
> or new time elmers giving me a few words of encouragement.

Have your son bring his best friend over and get them both into it together. You probably will be most successful if he has a contemporary to play and study with. If you are incredibly lucky, you'll have TWO new, young hams on your hands.

Now a CRITICAL issue...

If I were in your boots, I'd be prepared to get the best friend his own HW-16 or C21 at my expense (of course I got that kind'a dough) so the parents don't MAKE him lose interest. It's a LOANER of course, but be prepared to take a drastic action like that. One of the radio clubs that I belong to loans out HF rigs for FREE to teenage hams w/o an older ham in the family.

vy 73! =paul= W8KC Loooooove that call!

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: lve1@inel.gov (Larry V East)
Subject: [5686] RE: Unsolicited Attached Files
Message-ID: <2.2.16.19961205170249.284fbc04@eloi>

Maybe this is the answer:

> Are you running Microsoft Exchange Server?
> If so, this is a function of Exchange Server. It can be turned off
> at the Server, it is not a client problem.
> I use Microsoft's Internet Explorer mail program and it
> works fine. I know someone else who had the same problem
> you describe. They disabled it at the Server level.
>

Guess he thought that problem was on my end... it ain't. Would all you folks using Microsoft Exchange Server ****please**** disable the automatic sending of attached files? Thanks.

72, Larry W1HUE/7

From owner-qrp-1@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: lee@radioadv.com (Lee Richey)
Subject: [5667] Re: Unsolicited files...
Message-ID: <19961205142340191.AAA217@lee.radioadv.com>

>
> It appears that Microsoft's email program likes to send some sort of
encoded
> version of an email message as an attached file. I really don't like
> unsolicited files showing up on my PC -- is there any way that you folks

> using the MS email program can tell the little beast to stop doing that?
>

> 72, Larry W1HUE

>

I use I.E. 3.01 all the time for e-mail. I thought that it only attached a file to e-mail when I told it to do so. Are you experiencing something different?

-Lee-

<http://www.radioadv.com>

From owner-qrp-l@Lehigh.EDU Thu Dec 5 18:02:56 1996
From: "Warren E. Lewis" <saswel@unx.sas.com>
Subject: [5640] Re: Warren, AD4ZE: ??????????
Message-ID: <199612050320.AA09182@cardamom.unx.sas.com>

>

> >From Warren, AD4ZE:

>

> > I will sorely miss reading the email from all of you next year!!

>

> > cheers - Warren

>

> Hey Warren...where are you going?? Whoa...what's up buddy???? Or is it too
> personal?? You leaving?....going out of country?? You can't leave...we just
> got acquainted!! What's going on here, (anybody)???

Well I guess I let the proverbial cat out of the bag so I best explain.

My wife and I are taking a years leave of absence from our jobs and taking our 35 ft sailboat down to the Keys, Bahamas, and possibly farther into the Caribbean until Hurricane season and then we will make our way up the East Coast possibly as far as Nova Scotia. We have not set any itinerary of any kind. We are just going to relax, take it easy and take in the sights and sounds of the places we sail to. I will have QRP gear aboard and am going to try and keep abreast of all the QRP news via my ham contacts and thru all the various newsletters and magazines. I will have an email address, but, just will not have the resources to check it frequently enough to even get the daily digest.

We are very excited about our trip and I hope that I am able to run into many of my QRP-L friends on the air from the Florida Keys and from C6A land.

I will be on the list until December 24th or so. After that my email address will be ad4ze at aol.com or ad4ze at jun0.com. My at sign on my keyboard is not working tonight so please excuse the somewhat improperly formatted email addresses.

Thanks again to the whole QRP-L gang for the elmering and encouragement over the past 3 1/2 years!!

cheers - Warren

--

Warren E. Lewis
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